

Serial No. 10/675,987  
Amendment dated PROPOSED  
Reply to Office Action of February 27, 2006

Docket No. YHK-0121

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A protective film of a plasma display panel, comprising:  
a main component comprising magnesium oxide (MgO); and  
an addition of silicon (Si), wherein less than 500 wt. ppm and greater than 150  
wt.ppm of silicon is added to the main component to produce said protective film.
  
2. (Currently Amended) The protective film as claimed in claim 1, wherein said addition of silicon is about 20greater than 150 wt. ppm toand at most 300 wt. ppm.
  
3. (Currently Amended) The protective film as claimed in claim 1, wherein the protective film further comprises:  
calcium (Ca) less than 50 wt. ppm;  
iron (Fe) less than 50 wt. ppm; and  
aluminum (Al) less than 250 wt. ppm.

4. (Currently Amended) The protective film as claimed in claim 1, wherein said protective film has about 300 wt. ppm of silicon.

5-10. (Canceled)

11. (Previously Presented) The protective film as claimed in claim 1, wherein the addition of silicon compensates for secondary electron emission characteristics deteriorated by crystalline defects and impurities.

12. (Currently Amended) The protective film as claimed in claim 1, wherein the addition of silicon reduces-is a predetermined amount required to reduce a jitter value within the plasma display panel during addressto within a predetermined range.

13-14. (Canceled)

15. (Currently Amended) A plasma display panel, comprising:  
an upper substrate;  
a lower substrate across from the upper substrate;  
a plurality of electrodes on the upper substrate;

a protective film on the upper substrate layer; and  
a plurality of electrodes on the lower substrate, wherein said protective film comprises a main component of magnesium oxide and an addition of a predetermined amount of silicon, wherein greater than 150 wt.ppm and less than 500 wt.ppm of silicon is added to the main component to produce said protective film.

16-17. (Canceled)

18. (Currently Amended) The plasma display panel as claimed in claim 15, wherein said protective film comprises an addition of silicon of about 20 to at most 300 wt.ppm.

19. (Currently Amended) The plasma display panel as claimed in claim 15, wherein the protective film further comprises:

calcium (Ca) less than 50 wt.ppm;  
iron (Fe) less than 50 wt.ppm; and  
aluminum (Al) less than 250 wt.ppm.

20. (Previously Presented) The plasma display panel as claimed in claim 15, further comprising a discharge gas between the upper and lower substrates, wherein said discharge gas contains 5 volume % Xenon or more.

21. (Currently Amended) The protective film as claimed in claim 1, wherein the protective film further comprises:

nickel (Ni) less than 5wt. ppm;  
sodium (Na) less than 5wt. ppm; and  
potassium (K) less than 5wt. ppm.

22. (Currently Amended) The protective film as claimed in claim 3, wherein the protective film further comprises:

nickel (Ni) less than 5wt. ppm;  
sodium (Na) less than 5wt. ppm; and  
potassium (K) less than 5wt. ppm.

23-24. (Canceled)

25. (Currently Amended) The plasma display panel as claimed in claim 15, wherein the protective film further comprises:

nickel (Ni) less than 5wt.ppm;

sodium (Na) less than 5wt.ppm; and

potassium (K) less than 5wt.ppm.

26. (Previously Presented) The plasma display panel as claimed in claim 19, wherein the protective film further comprises:

an upper dielectric layer on the upper substrate.

27. (Currently Amended) A protective film of a plasma display panel, comprising:  
magnesium oxide (MgO); and  
silicon (Si), wherein said protective film has about 300 wt. ppm of silicon.

28. (Canceled)